

IN THE CLAIMS:

The claims, as pending in the subject application, read as follows:

1. (Previously presented) A print system comprising an external operating apparatus, a host computer which communicates with said external operating apparatus, and a printer which communicates with said host computer,

wherein said external operating apparatus comprises:

reading means for reading out image data from a detachable storage medium;

a display unit which displays a print setting screen;

an operation panel which is operative to set print settings in accordance with a print setting instruction provided by a user based on the print setting screen displayed on said display unit;

a button operative to instruct said host computer to preview the image data read out by said reading means;

transmission means for transmitting the image data read out by said reading means, to said host computer in response to said button being operated; and

a controller which generates a plurality of interruption events including a print setting information interruption event for causing said host computer to set therein the print settings of the image data transmitted by said transmission means, the print setting information interruption event being generated in accordance with said operation panel setting the print settings after the image data read out by said reading means is transmitted to said host computer

by said transmission means so that the generated print setting information interruption event includes the print settings set by said operation panel and is transmitted to said host computer,

wherein said host computer comprises:

a receiving unit which receives the image data read out by said reading means and then transmitted by said transmission means from said storage medium, and receives the plurality of interruption events generated by said controller from said external operating apparatus;

a control unit which detects whether the interruption event received by said receiving unit is the print setting information interruption event, and controls print preview display such that the print settings included in the received print setting information interruption event are reflected in the image data received by said receiving unit, every time the print setting information interruption event is detected; and

a print control unit which generates print data corresponding to the print settings included in the received print setting information interruption event, wherein said printer prints the print data output from said host computer, and

wherein the print settings reflected in the print preview display are the same print settings used to generate print data.

2. (Previously Presented) A system according to claim 1, wherein said controller generates the interruption event corresponding to a print start instruction.

3. (Previously Presented) A system according to claim 2, wherein said control unit detects whether the interruption event received by said receiving unit corresponds to the

print start instruction, said print control unit outputs to said printer the print data in which the print settings received by the plurality of interruption events received so far are reflected.

4. to 8. (Canceled)

9. (Previously presented) An information processing apparatus which can communicate with an external operating apparatus including reading means for reading out image data from a detachable storage medium, a display unit which displays a print setting screen, an operation panel which is operative to set print settings in accordance with a print setting instruction provided by a user based on the print setting screen displayed by said display unit, a preview button operative to instruct said information processing apparatus to preview the image data read out by said reading means, transmission means for transmitting the image data read out by said reading means, to said information processing apparatus in response to said preview button being operated, and a controller which generates a plurality of interruption events including a print setting information interruption event for causing said information processing apparatus to set therein the print settings of the image data transmitted by said transmission means, the print setting information interruption event being generated in accordance with said operation panel setting the print settings after the image data read out by said reading means is transmitted to said information processing apparatus by said transmission means so that the generated print setting information interruption event includes the print settings set by said operation panel and is transmitted to said information processing apparatus, and a printer, said apparatus comprising:

a receiving unit which receives the image data and the plurality of interruption events transmitted from said external operating apparatus;

a control unit which detects whether the print setting information interruption event is received by said receiving unit and controls print preview display such that the print settings included in the received print setting information interruption event are reflected in the image data received by said receiving unit, every time the print setting information event is detected; and

a print control unit which generates print data corresponding to the print settings included in the received print setting information interruption event and outputting the generated print data to said printer,

wherein the print settings reflected in the print preview display are the same print settings used to generate print data.

10. (Previously Presented) An apparatus according to claim 9, wherein said apparatus receives the interruption event corresponding to a print start instruction from said controller.

11. (Previously Presented) An apparatus according to claim 10, wherein said control unit detects whether the interruption event received by said receiving unit corresponds to the print start instruction, said print control unit outputs to said printer the print data in which the print settings received by the plurality of interruption events received so far are reflected.

12. (Canceled)

13. (Previously presented) A method of controlling a print system comprising an external operating apparatus, a host computer which communicates with said external operating apparatus, and a printer which communicates with said host computer,

wherein said method includes a control method for said external operating apparatus, comprising the steps of:

reading out image data from a detachable storage medium;

displaying a print setting screen on a display unit;

setting, with an operation panel, print settings in accordance with a print setting instruction provided by the user based on the print setting screen displayed on the display unit in said displaying step;

operating a button to instruct said host computer to preview the image data read out in said reading step;

transmitting the image data read out in said reading step, to said host computer in response to said button being operated; and

generating a plurality of interruption events including a print setting information interruption event for causing said host computer to set therein the print settings of the image data transmitted in said transmitting step, the print setting information interruption event being generated in accordance with the print settings being set in said setting step after the image data read out in said reading step is transmitted to said host computer in said transmitting step so that the generated print setting information interruption event is transmitted to said host computer,

wherein said method further includes a control method for said host computer, comprising the steps of:

receiving the image data read out in said reading step and then transmitted in said transmitting step, and receiving the plurality of interruption events generated in said generating step;

detecting whether the interruption event received in said receiving step is the print setting information interruption event and controlling print preview display such that the print settings included in the received print setting information interruption event is reflected in the image data received in said image data receiving step, every time the print setting information interruption event is detected; and

generating print data corresponding to the print settings included in the received print setting information interruption event,

wherein said method further includes a control method for said printer by which said printer prints printing data output from said host computer, and

wherein the print settings reflected in the print preview display are the same print settings used to generate print data.

14. (Cancelled).

15. (Previously presented) A method of controlling an information processing apparatus which can communicate with an external operating apparatus including reading means for reading out image data from a detachable storage medium, a display unit which displays a

print setting screen, an operation panel which is operative to set print settings in accordance with a print setting instruction provided by a user based on the print setting screen displayed on the display unit, a preview button operative to instruct said information processing apparatus to preview the image data read out by said reading means, transmission means for transmitting the image data read out by said reading means, to said information processing apparatus in response to said preview button being operated, and a controller for generating a plurality of interruption events including a print setting information interruption event for causing said information processing apparatus to set therein the print settings of the image data transmitted by said transmission means, the print setting information interruption event being generated in accordance with said operation panel setting the print settings after the image data read out by said reading means is transmitted to said information processing apparatus by said transmission means so that the generated print setting information interruption event includes the print settings set by said operation panel and is transmitted to said information processing apparatus said method comprising:

performing by the information processing apparatus the following:
receiving the image data and the plurality of interruption events transmitted from said external operating apparatus;
detecting whether the print setting information interruption event is received in said receiving step and controlling the print preview display such that the print settings included in the received print setting information interruption event are reflected in the image data received in said receiving step, every time the print setting information is detected; and

generating print data corresponding to the print settings included in the received print setting information interruption event and outputting the generated print data to said printer, wherein the print settings reflected in the print preview display are the same print settings used to generate print data.

16. (Previously presented) A program stored on a computer-readable recording medium, for causing a computer to execute a method of controlling a print system comprising an external operating apparatus, a host computer which communicates with said external operating apparatus, and a printer which communicates with said host computer,

wherein said method includes a control method for said external operating apparatus and comprises the steps of:

reading out image data from a detachable storage medium;

displaying a print setting screen on a display unit;

setting, with an operation panel, print settings in accordance with a print setting instruction provided by a user based on the print setting screen displayed on the display unit;

operating a button to instruct said host computer to preview the image data read out in said reading step;

transmitting the image data read out in said reading step, to said host computer in response to said button being operated; and

generating a plurality of interruption events including a print setting information interruption event for causing said host computer to set therein the print settings of the image data transmitted in said transmitting step, the print setting information interruption event being

generated in accordance with the print settings being set in said setting step after the image data read out in said reading step is transmitted to said host computer in said transmitting step so that the generated print setting information interruption event includes the print settings set in said setting step and is transmitted to said host computer,

wherein said method further includes a control method for said host computer and comprises the steps of:

receiving the image data read out in said reading step and then transmitted in said transmitting step, and receiving the plurality of interruption events generated in said generating step;

detecting whether the interruption event received in said receiving step is the print setting information interruption event, and controls print preview display such that the print settings included in the received print setting information interruption event are reflected in the image data received in said image data receiving step, every time the print setting information interruption event is detected; and

generating print data corresponding to the print settings included in the received print setting information interruption event,

wherein said method further includes a control method for said printer by which said printer prints the print data output from said host computer, and

wherein the print settings reflected in the print preview display are the same print settings used to generate print data.

17. (Cancelled).

18. (Previously presented) A program stored on a computer-readable medium, for causing a computer to execute a method of controlling an information processing apparatus which can communicate with an external operating apparatus including reading means for reading out image data from a detachable storage medium, a display unit which displays a print setting screen, an operation panel which is operative to set print settings in accordance with a print setting instruction provided by a user based on the print setting screen displayed on the display unit, a preview button operative to instruct said information processing apparatus to preview the image data read out by said reading means, transmission means for transmitting the image data read out by said reading means, to said information processing apparatus in response to said preview button being operated, and a controller for generating a plurality of interruption events including a print setting information interruption event for causing said information processing apparatus to set therein the print settings of the image data transmitted by said transmission means, the print setting information interruption event being generated in accordance with said operation panel setting the print settings after the image data read out by said reading means is transmitted to said information processing apparatus by said transmission means so that the generated print setting information interruption event includes the print settings set by said operation panel and is transmitted to said information processing apparatus, and a printer, said method comprising the steps of:

receiving the image data and the plurality of interruption events transmitted from said external operating apparatus;

detecting whether the print setting information interruption event is received in said receiving step and controlling the print preview display such that the print settings included

in the received print setting information interruption event are reflected in the image data received in said receiving step, every time the print setting information interruption event is detected; and

generating print data corresponding to the print settings included in the received print setting information interruption event and outputting the generated print data to said printer, wherein the print settings reflected in the print preview display are the same print settings used to generate print data.

19. (Previously Presented) A print system comprising an external operating apparatus, a host computer which communicates with said external operating apparatus, and a printer which communicates with said host computer,

wherein said external operating apparatus comprises:

reading means for reading out image data from a detachable storage medium;
a display unit which displays a print setting screen;
an operation panel which is operative to set print settings in accordance with a print setting instruction provided by a user based on the print setting screen displayed on said display unit;

a button operative to instruct said host computer to preview the image data read out by said reading means;

transmission means for transmitting the image data read out by said reading means, to said host computer in response to said button being operated; and

a controller which generates a plurality of interruption events including a print setting information interruption event for causing said host computer to set therein the print settings of the image data transmitted by said transmission means, the print setting information interruption event being generated in accordance with the print setting instruction being provided to said operation panel after the image data read out by said reading means is transmitted to said host computer by said transmission means so that the generated print setting information interruption event includes the print settings provided to said operation panel and is transmitted to said host computer,

wherein said host computer comprises:

a receiving unit which receives the image data read out by said reading means and then transmitted by said transmission means from said storage medium, and receives the plurality of interruption events generated by the controller from said external operating apparatus;

a control unit which detects whether the interruption event received by said receiving unit is the print setting information interruption event, and controls print preview display such that the print settings included in the received print setting information interruption event are reflected in the image data received by said receiving unit, every time the print setting information interruption event is detected; and

a print control unit which generates print data corresponding to the print settings included in the received print setting information interruption event, wherein said printer prints the print data output from said host computer,

wherein the print settings reflected in the print preview display are the same print settings used to generate print data,

wherein said printer includes print setting means therein and transmits print settings set by said print setting means to said external operating apparatus, and

wherein the print settings set by said print setting means included in said printer are reflected in a display by said display unit of said external operating apparatus.